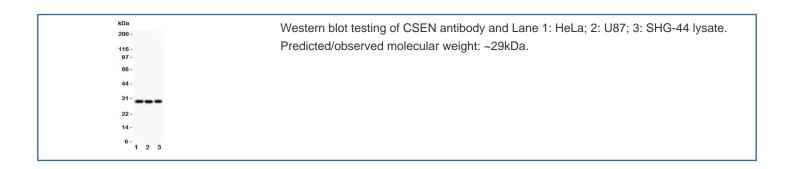


# **CSEN Antibody (R31396)**

Catalog No.	Formulation	Size
R31396	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9Y2W7
Applications	Western Blot : 0.5-1ug/ml
Limitations	This CSEN antibody is available for research use only.



### **Description**

Calsenilin (CSEN) is a calcium-dependent transcriptional repressor that is highly expressed in central nervous system, thyroid gland, testis, thymus, and immune cells. The KCNIP3 gene encodes a member of the family of voltage-gated potassium(Kv) channel-interacting proteins, which belong to the neuronal calcium sensor family of proteins. Calsenilin functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. KCNIP3-regulated genes have a critical function in Ig subclass production and proliferation in B lymphocytes. It has been shown to interact with PSEN1 and PSEN2.

### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the CSEN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

An amino acid sequence from the N-terminus of human Calsenilin (MQPAKEVTKASDGSLL) was used as the immunogen for this CSEN antibody.

## **Storage**

After reconstitution, the CSEN antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.